



**US Army Corps
of Engineers®**
Nashville District

Public Notice

Public Notice No. 06-04

Date: January 12, 2006

Application No. 200501887

Please address all comments to:
Regulatory Branch, 3701 Bell Road, Nashville, TN 37214-2660

JOINT PUBLIC NOTICE
US ARMY CORPS OF ENGINEERS
AND
TENNESSEE VALLEY AUTHORITY

SUBJECT: Proposed Floating Community Docks, Fixed Courtesy Docks, and Concrete Boat Launching Ramps at Three Locations Between Mile 557.2 and 558.3, Right Bank, Tennessee River (Watts Bar Lake), in Roane County, Tennessee

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army Permit pursuant to **Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) and Section 404 of the Clean Water Act (33 USC 1344)**. A Tennessee Valley Authority (TVA) permit, under Section 26a of the TVA Act (16 USC 831y-1), is also being requested. Before a permit can be issued for the boat ramps at lots 20 and 104, certification must be provided by the State of Tennessee, Division of Water Pollution Control (TWPC), pursuant to Section 401(a)(1) of the Clean Water Act (CWA), that applicable water quality standards will not be violated. The applicant has applied for the required water quality certification by separate application. The boat launching ramp proposed at Lot 126 has been previously authorized for purposes of Section 10 and Section 404 by existing Nationwide Permit 36 [January 15, 2002, Federal Register, Issuance of Nationwide Permits; Notice (67 FR 2020)].

APPLICANT: Tennessee Land and Lakes, LLC
11130 Kingston Pike, Suite 1-100
Knoxville, Tennessee 37922

LOCATIONS: The proposed work activities would occur at three locations on Watts Bar Lake, in Roane County, Tennessee, as described below. (Exhibits A and B).

- a. Lot 20 - Mile 558.3, right bank, Tennessee River, USGS Bacon Gap-TN 7.5 Minute Series Quadrangle Map, Lat 35° 48' 00", Long 84° 37' 29".
- b. Lot 104 - Mile 558.0, right bank, Tennessee River, USGS Rockwood-TN 7.5 Minute Series Quadrangle Map, Lat 35° 45' 00", Long 84° 37' 32".
- c. Lot 126 - Mile 557.2, right bank, Tennessee River, USGS Rockwood-TN 7.5 Minute Series Quadrangle Map, Lat 35° 47' 18", Long 84° 37' 58".

DESCRIPTION: Tennessee Land and Lakes, LLC (TLL), proposes to construct water-use facilities at three locations. The facilities would be used privately by the Grande Vista Bay Subdivision residents. Details of the proposed work are as follows:

a. Lot 20.

Community Dock. TLL proposes to construct a 54' wide by 218.4' long floating community dock containing 16 double slips (space for 32 boats). The slips would measure 22' wide by 24' deep. The dock would be connected to shore by a 6' wide by 75' long hinged access walkway. The length of the walkway is referenced to the normal summer pool (NSP) contour, i.e., Elevation (El) 741.0 for Watts Bar Reservoir. The end of the dock would extend out into the lake approximately 293.4' from the NSP contour. The docks would have steel framing, fiber-filled concrete decking, and encapsulated expanded Styrofoam flotation. (Exhibits C & D).

Boat Ramp and Courtesy Dock. TLL proposes to construct a 20' wide, by 145' long, by 8" thick reinforced concrete boat launching ramp. The top of the ramp would be at El. 745 and the bottom at El. 735, i.e., 6' below NSP. Ramp construction would require approximately 50 cubic yards (CY) of concrete and a minor amount of base material below NSP. The ramp would be built at a 12% grade. A 6' x 125' fixed courtesy dock would be built adjacent to the boat ramp. The deck would be at El. 744. (Exhibits E & F).

b. Lot 104.

Community Dock. TLL proposes to construct a 54' wide by 326.5' long floating community dock containing 24 double slips (space for 48 boats). The slips would measure 22' wide by 24' deep. The dock would be connected to shore by a 6' wide by 50' long hinged access walkway. The length of the walkway is referenced to the NSP contour. The end of the dock would extend out into the lake approximately 376.5' from the NSP contour. The docks would have steel framing, fiber-filled concrete decking, and encapsulated expanded Styrofoam flotation. (Exhibits G & H).

Boat Ramp and Courtesy Dock. TLL proposes to construct a 20' wide, by 105' long, by 8" thick reinforced concrete boat launching ramp. The top of the ramp would be at El. 745 and the bottom at El. 735, i.e., 6' below NSP. Ramp construction would require approximately 40 CY of concrete and 15 CY of base material below NSP. The ramp would be built at a 12% grade. A 6' x 85' fixed courtesy dock would be built adjacent to the boat ramp. The deck would be at El. 744. (Exhibits I & J).

c. Lot 126.

Boat Ramp and Courtesy Dock. TLL proposes to construct a 20' wide, by 130' long, by 8" thick reinforced concrete boat launching ramp. The top of the ramp would be at Elevation (El.) 745 and the bottom at El. 735, i.e., 6' below NSP. Ramp construction would require approximately 37 CY of concrete and a minimal amount of base material below NSP. The ramp would be built at a 12% grade. A 6' x 110' fixed courtesy dock would be built adjacent to the boat ramp. The deck would be at El. 744. (Exhibits K-M).

Plans of the proposed work are attached to this notice.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics,

general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the CWA (40 CFR Part 230). A permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

An Environmental Assessment will be prepared by this office prior to a final decision concerning issuance or denial of the requested Department of the Army Permit.

The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known which would be affected by the proposed work. This review constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer.

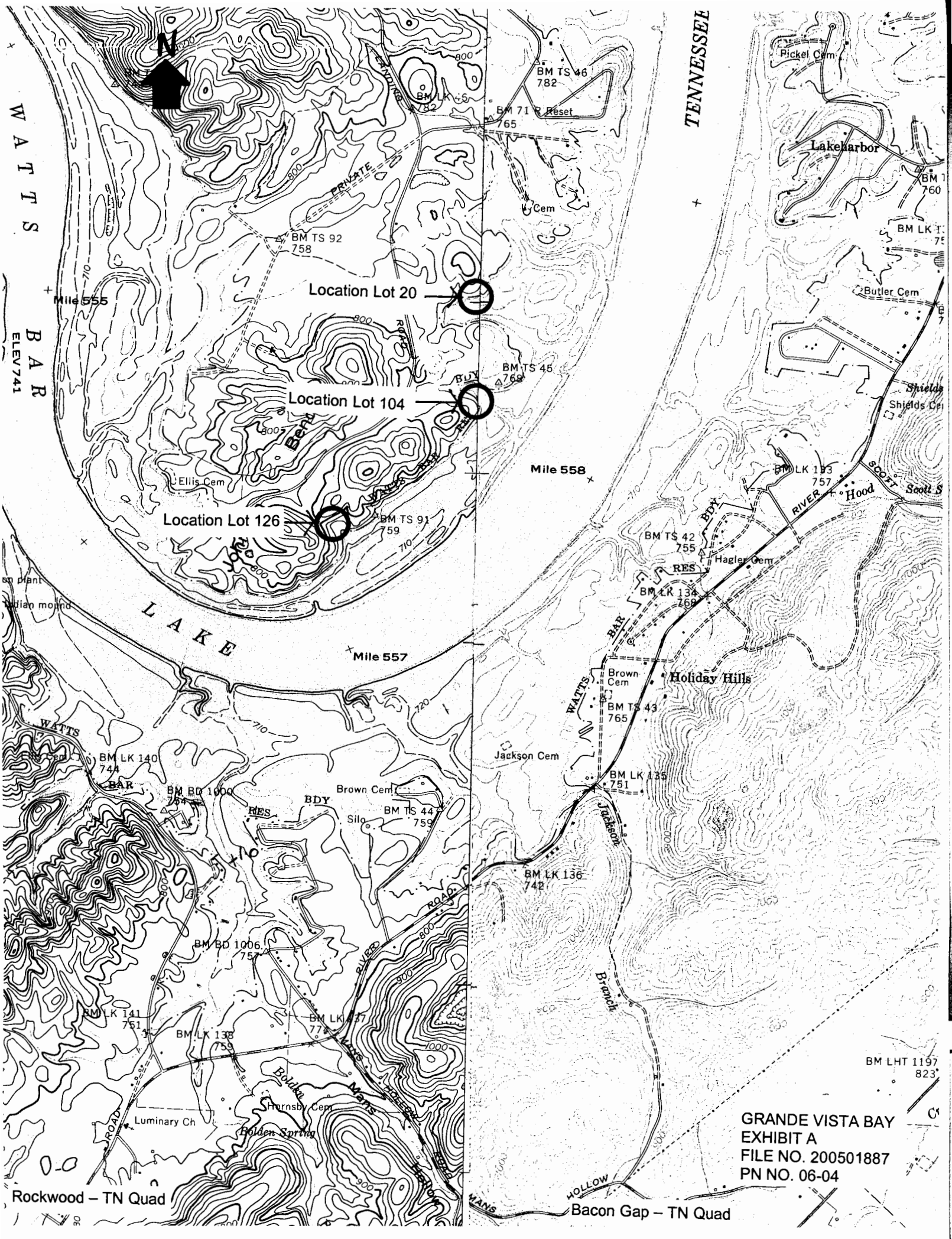
Based on available information, the proposed work will not destroy or endanger any federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act. Therefore, we have reached a no effect determination, and initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Other federal, state, and/or local approvals required for the proposed work are as follows:

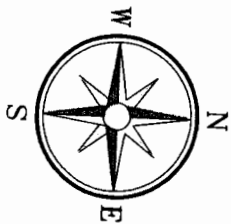
- a. Tennessee Valley Authority (TVA) approval under Section 26a of the TVA Act. In addition to other provisions of its approval, TVA would require the applicant to employ best management practices to control erosion and sedimentation, as necessary, to prevent adverse aquatic impacts.
- b. The proposed boat launch ramp activities at Lot 126 must comply with the terms and conditions of the Tennessee Department of Environment and Conservation's (TDEC) *General Permit for Launching Ramps* established under the requirements of the Tennessee Water Quality Control Act of 1977 (T.C.A. § 69-3-101 et seq).

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

Written statements received in this office on or before February 13, 2006, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: J. Ruben Hernandez, at the above address, telephone (615) 369-7519. It is not necessary to comment separately to TVA since copies of all comments will be sent to that agency and will become part of its record on the proposal. However, if comments are sent to TVA, they should be mailed to Mr. Gary Chappelle, Watts Bar-Clinch Watershed Team, 260 Interchange Park Drive, Lenoir City, Tennessee 37772.



GRANDE VISTA BAY
EXHIBIT A
FILE NO. 200501887
PN NO. 06-04



760
750
740

100' (±)
DOCK SPACE

100'
CHANNEL

6' WIDE
BOAT DOCK

20' WIDE
CONCRETE
BOAT RAMP

741.0

740

140'

100'

10' (TYP)

ASPHALT BOAT RAMP

7.5' (±)

20'

293.375'

218.375'

32 BOAT
SLIPS

75'

740

750

EXHIBIT C
FILE NO. 200501887
PN NO. 06-04

NOTE: REDUCED SLIP COUNT FROM 53 TO 32



Quantum Environmental &
Engineering Services, LLC

126 Dante Road
Knoxville, TN 37918
PHONE (865) 689-1395, FAX (865) 689-6844

DESIGNED BY: PJW

CHECKED BY: PJW

CADOC: NA

DRAWN BY: LLS

SCALE: 1"=100'

DATE: 7-29-05

REV. NO: 3 11-18-05

GRANDE VISTA BAY

BY
TENNESSEE LAND AND LAKES INC.
11130 KINGSTON PIKE, SUITE 1-110
KNOXVILLE, TN 37922

26-A
LOT NO. 20

PROJECT NO:
500303

Drawing Name:
D-26A Figures_11-07-05

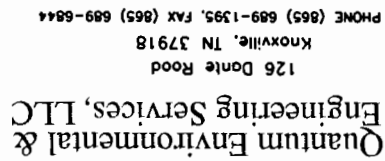
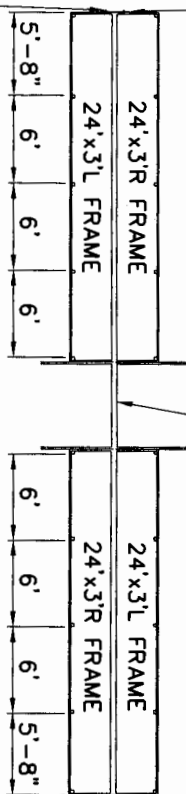


EXHIBIT D
FILE NO. 200501887
PN NO. 06-04

1. UPRIGHT SPACING CONSISTENT THROUGHOUT DRAWING.

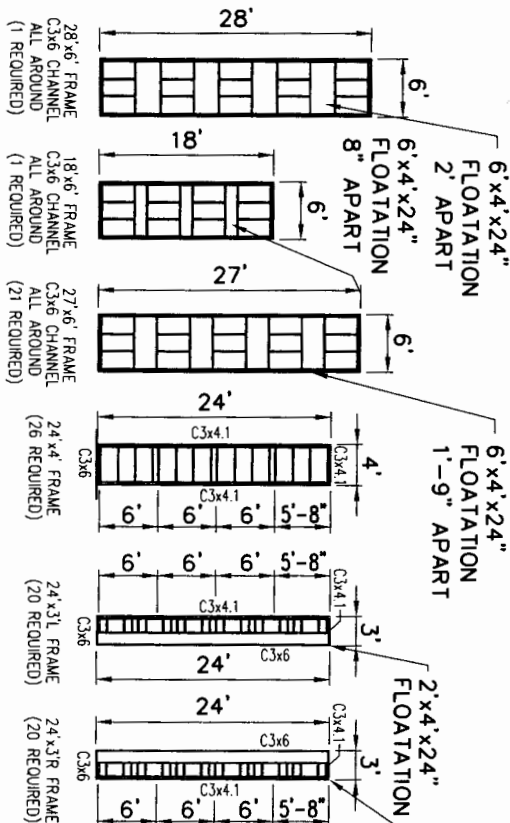
HINGED SECTION



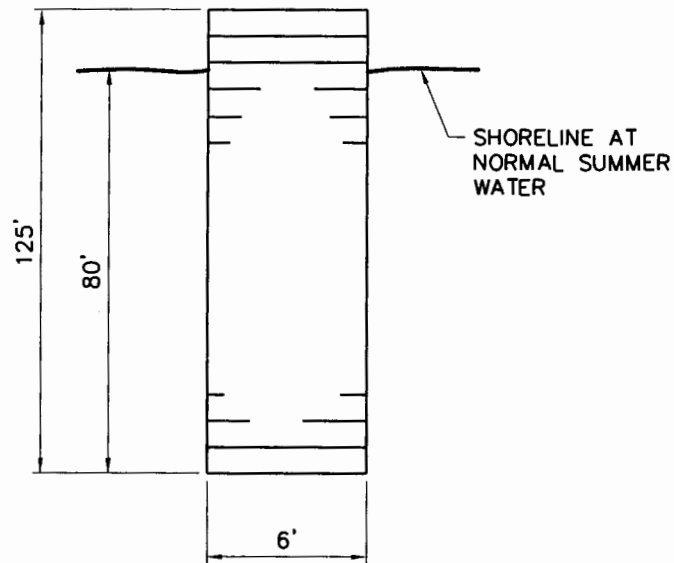
WELDED ON 6" BOLT
SCREWS

DOCK OVERVIEW FRAME DETAILS

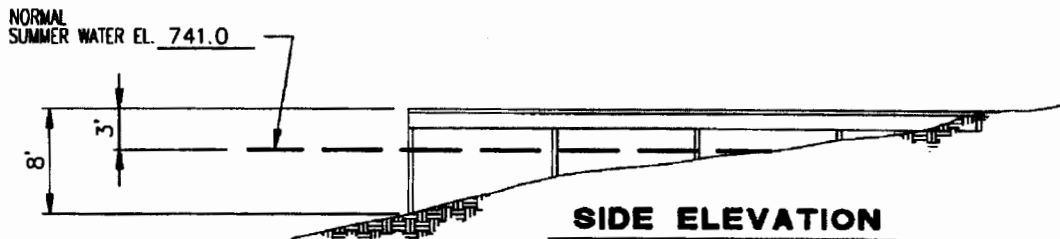
DOCK OVERVIEW FRAME DETAILS



PROJECT NO: 500303	Drawing Name: D-26a Figures-11-07-05
<p>26-A</p> <p>LOT NO. 20</p>	
<p>GRANDE VISTA BAY</p> <p>BY</p> <p>TENNESSEE LAND AND LAKES INC.</p> <p>11130 KINGSTON PIKE, SUITE 1-110</p> <p>KNOXVILLE, TN 37922</p>	



STRAIGHT DOCK



THE NORMAL SUMMER WATER LEVEL IS: 741.0

NOTE:
INCLUDE ALL DIMENSIONS AND ELEVATIONS
WHERE INDICATED.

EXHIBIT E
FILE NO. 200501887
PN NO. 06-04

TVA

TYPICAL FIXED DOCK OR SLIP

PROJECT LOCATION INFORMATION:

STREAM NAME _____
RESERVOIR NAME _____
MILE MARKER **558.6**

SUBDIVISION NAME _____
LOT NUMBER **20**
MAP NO. _____

DESIGNED BY: PJW
CHECKED BY: PJW
CADC: NA
DRAWN BY: LLS
SCALE: NTS
DATE: 04-29-05
REV. NO: 1 09-26-05

GRANDE VISTA BAY
BY
TENNESSEE LAND AND LAKES INC.
11130 KINGSTON PIKE, SUITE 1-110
KNOXVILLE, TN 37922

26-A
LOT NO. 20

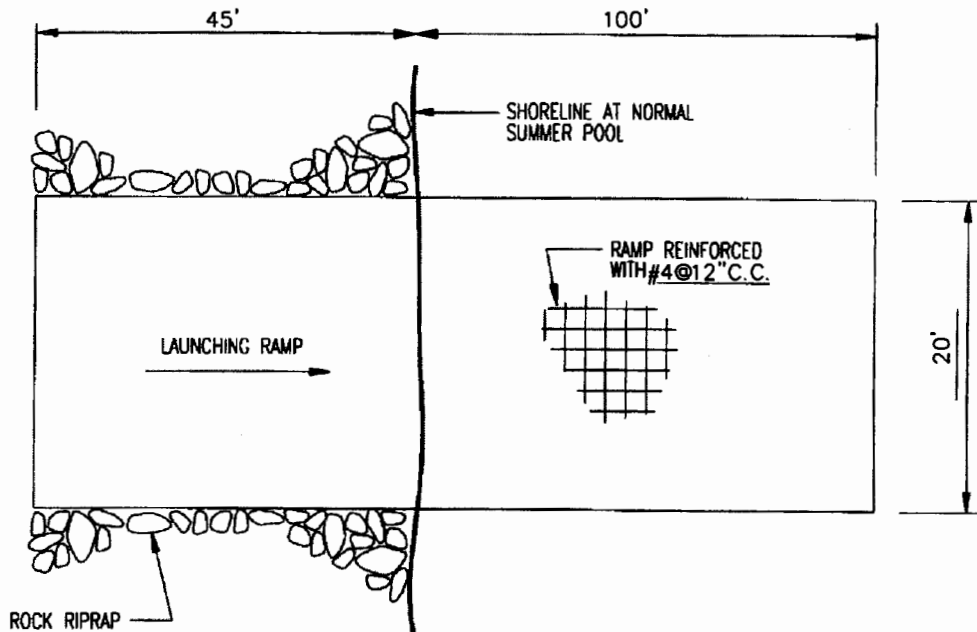
PROJECT NO:
500303

Drawing Name:
D-26A Figures_11-07-05

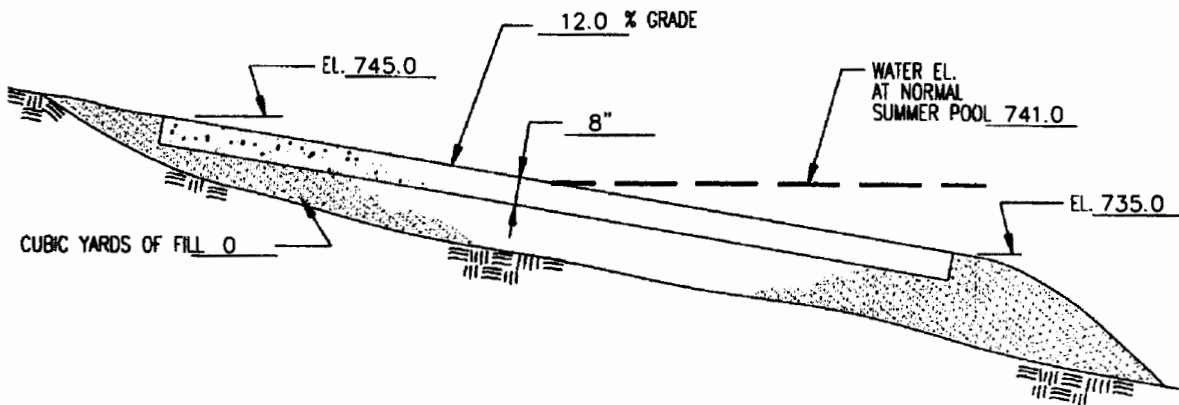


**Quantum Environmental &
Engineering Services, LLC**

126 Dante Road
Knoxville, TN 37918
PHONE (865) 689-1395, FAX (865) 689-6844



PLAN



SECTION THRU CONCRETE RAMP

THE NORMAL SUMMER WATER LEVEL IS: 741.0

EXHIBIT F
FILE NO. 200501887
PN NO. 06-04

NOTE:
INCLUDE ALL DIMENSIONS AND ELEVATIONS
WHERE INDICATED.



TYPICAL CONCRETE RAMP DETAIL

PROJECT LOCATION INFORMATION:

STREAM NAME TN RIVER
RESERVOIR NAME WATTS BAR LAKE
MILE MARKER 558.6

SUBDIVISION NAME GRANDE VISTA BAY
LOT NUMBER 20
MAP NO. _____

NOTE

DESIGNED BY:	PJW
CHECKED BY:	PJW
CADOC:	NA
DRAWN BY:	LLS
SCALE:	NTS
DATE:	04-29-05
REV. NO:	1 11-18-05

GRANDE VISTA BAY
BY
TENNESSEE LAND AND LAKES INC.
11130 KINGSTON PIKE, SUITE 1-110
KNOXVILLE, TN 37922

26-A
LOT NO. 20



**Quantum Environmental &
Engineering Services, LLC**

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Knoxville, TN 37918
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PROJECT NO:
500303

Drawing Name:
D-26A Figures_11-07-05

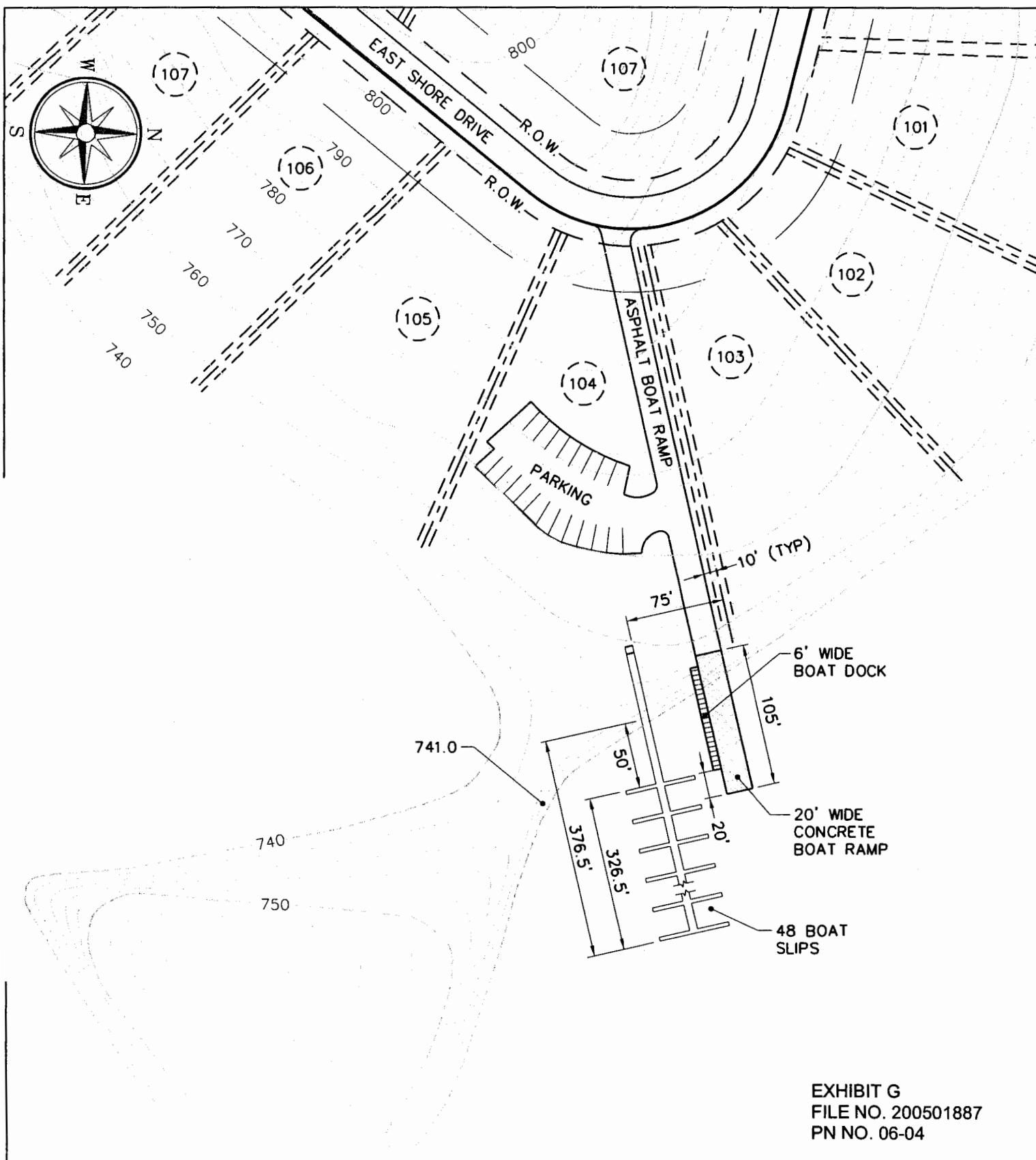


EXHIBIT G
FILE NO. 200501887
PN NO. 06-04

NOTE



Quantum Environmental &
Engineering Services, LLC

126 Donte Road
Knoxville, TN 37918
PHONE (865) 689-1395, FAX (865) 689-6844

DESIGNED BY: PJW

CHECKED BY: PJW

CADQC: NA

DRAWN BY: LLS

SCALE: 1"=100'

DATE: 07-01-05

REV. NO: 2 11-18-05

GRANDE VISTA BAY

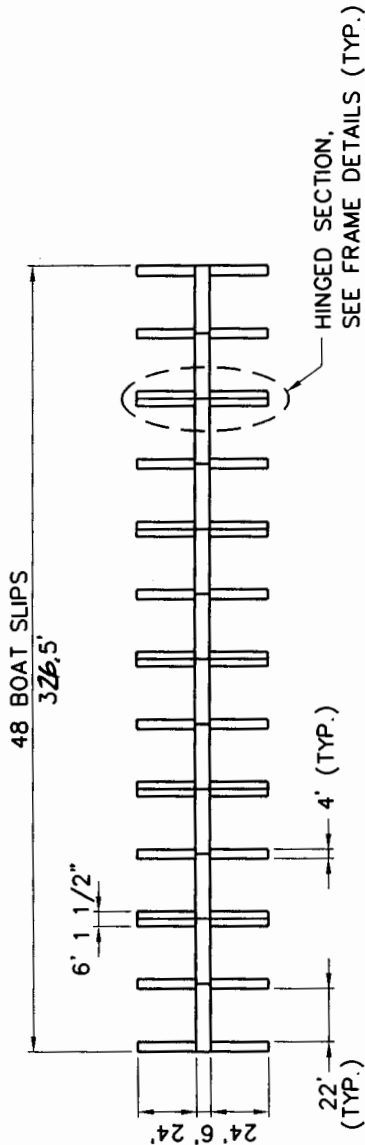
BY
TENNESSEE LAND AND LAKES INC.
11130 KINGSTON PIKE, SUITE 1-110
KNOXVILLE, TN 37922

26-A
LOT NO. 104

PROJECT NO:
500303

Drawing Name:
D-26A Figures_11-07-05

EXHIBIT H
FILE NO. 200501887
PN NO. 06-04



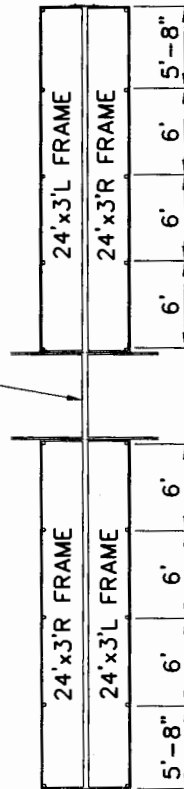
DOCK OVERVIEW DOCK LAYOUT DETAIL

NOTE:

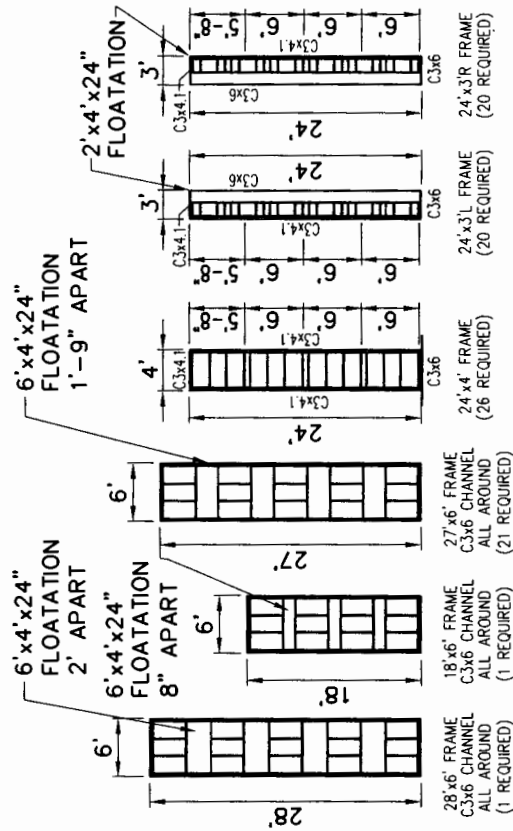
1. UPRIGHT SPACING CONSISTENT THROUGHOUT DRAWING.

2'x3/4" PLATE BOLTED ON FOR
DOCK STABILIZATION DURING SUMMER
POOL. (TAKEN OFF DURING WINTER FOR
HINGE EFFECT.)

HINGED SECTION



WELDED ON 6" BOLT
SCREWS



DOCK OVERVIEW FRAME DETAILS FOR HINGED SECTIONS

DOCK OVERVIEW FRAME DETAILS

NOTE



Quantum Environmental &
Engineering Services, LLC

126 Dante Road
Knoxville, TN 37918
PHONE (865) 689-1395, FAX (865) 689-6844

DESIGNED BY:	PJW
CHECKED BY:	PJW
CADOC:	NA
DRAWN BY:	LLS
SCALE:	NTS
DATE:	04-29-05
REV. NO: 1	09-26-05

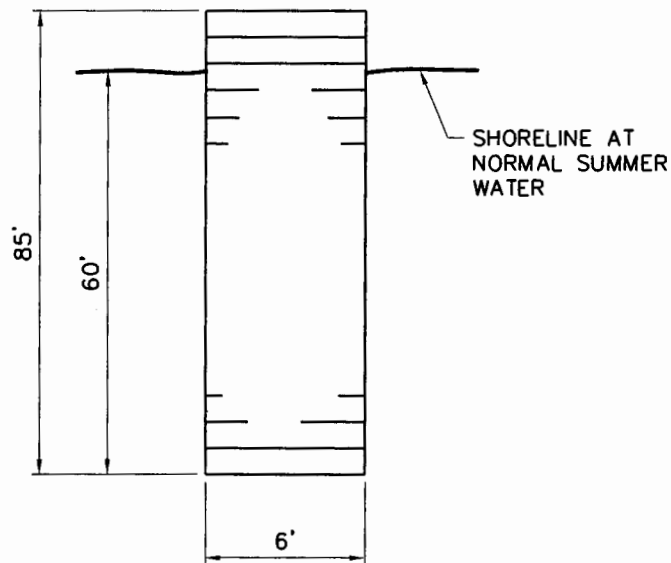
GRANDE VISTA BAY

BY
TENNESSEE LAND AND LAKES INC.
11130 KINGSTON PIKE, SUITE 1-110
KNOXVILLE, TN 37922

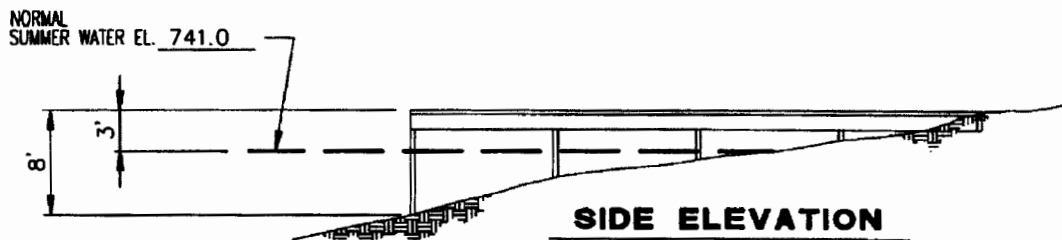
26-A
LOT NO. 104

PROJECT NO:
500303

Drawing Name:
D-26A Figures_11-07-05



STRAIGHT DOCK



THE NORMAL SUMMER WATER LEVEL IS: 741.0

SIDE ELEVATION

NOTE:
INCLUDE ALL DIMENSIONS AND ELEVATIONS
WHERE INDICATED.

EXHIBIT I
FILE NO. 200501887
PN NO. 06-04



TYPICAL FIXED DOCK OR SLIP

PROJECT LOCATION INFORMATION:

STREAM NAME TN RIVER
RESERVOIR NAME WATTS BAR LAKE
MILE MARKER 558.6

SUBDIVISION NAME GRANDE VISTA BAY
LOT NUMBER 104
MAP NO. _____

NOTE



**Quantum Environmental &
Engineering Services, LLC**

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Knoxville, TN 37918
PHONE (865) 689-1395, FAX (865) 689-6844

DESIGNED BY:	PJW
CHECKED BY:	PJW
CADOC:	NA
DRAWN BY:	LLS
SCALE:	NTS
DATE:	04-29-05
REV. NO: 1	09-26-05

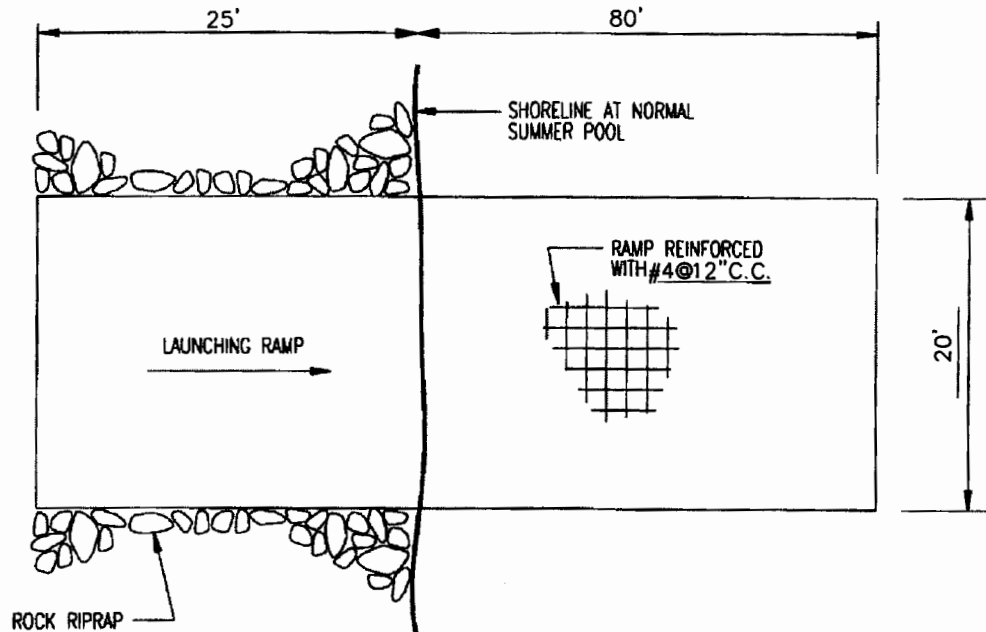
GRANDE VISTA BAY

BY
TENNESSEE LAND AND LAKES INC.
11130 KINGSTON PIKE, SUITE 1-110
KNOXVILLE, TN 37922

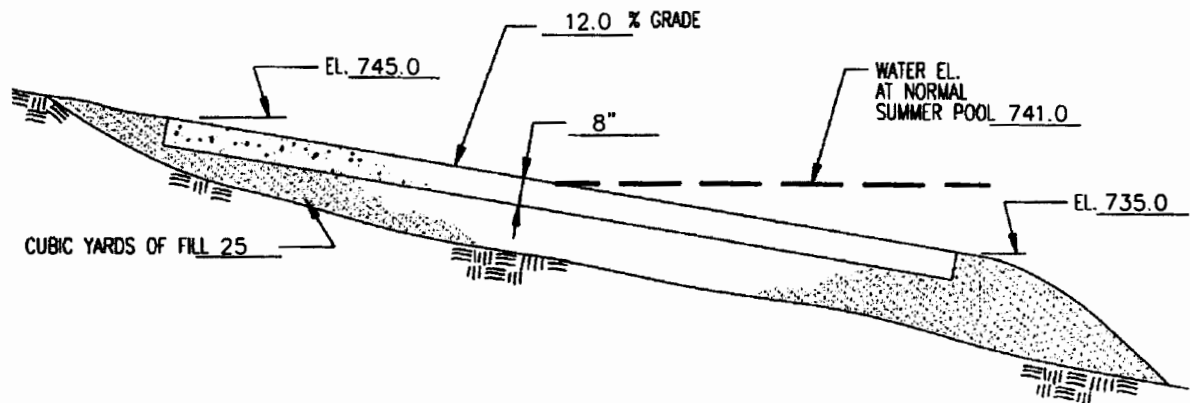
26-A
LOT NO. 104

PROJECT NO:
500303

Drawing Name:
D-26A Figures_11-07-05



PLAN



SECTION THRU CONCRETE RAMP

THE NORMAL SUMMER WATER LEVEL IS: 741.0

EXHIBIT J
FILE NO. 200501887
PN NO. 06-04

NOTE:
INCLUDE ALL DIMENSIONS AND ELEVATIONS
WHERE INDICATED.

TVA		TYPICAL CONCRETE RAMP DETAIL	
PROJECT LOCATION INFORMATION:			
STREAM NAME	TN RIVER	SUBDIVISION NAME	GRANDE VISTA BAY
RESERVOIR NAME	WATTS BAR LAKE	LOT NUMBER	104
MILE MARKER	558.6	MAP NO.	
DESIGNED BY:	PJW	GRANDE VISTA BAY BY TENNESSEE LAND AND LAKES INC. 11130 KINGSTON PIKE, SUITE 1-110 KNOXVILLE, TN 37922	
CHECKED BY:	PJW		
CADOC:	NA		
DRAWN BY:	LLS		
SCALE:	NTS	26-A LOT NO. 104	
DATE:	04-29-05		
REV. NO. 2	11-18-05	PROJECT NO:	500303
		Drawing Name: D-26A Figures 11-07-05	



**Quantum Environmental &
Engineering Services, LLC**

126 Donte Road
Knoxville, TN 37918
PHONE (865) 689-1395, FAX (865) 689-6844

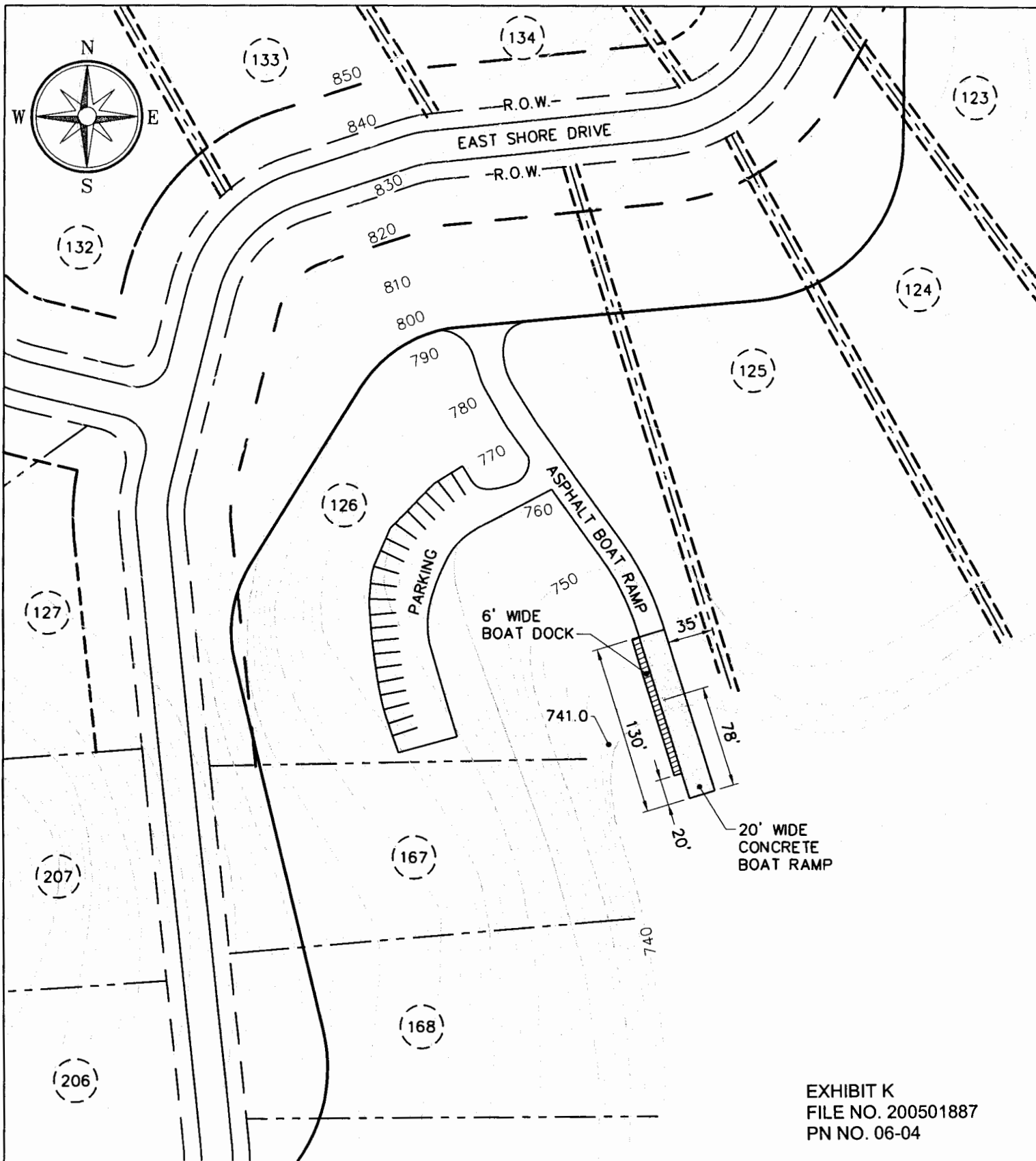


EXHIBIT K
FILE NO. 200501887
PN NO. 06-04

NOTE



Quantum Environmental &
Engineering Services, LLC

126 Donte Road
Knoxville, TN 37918
PHONE (865) 689-1395, FAX (865) 689-6844

DESIGNED BY: PJW

CHECKED BY: PJW

CADQC: NA

DRAWN BY: LLS

SCALE: 1"=100'

DATE: 04-29-05

REV. NO: 1 11-18-05

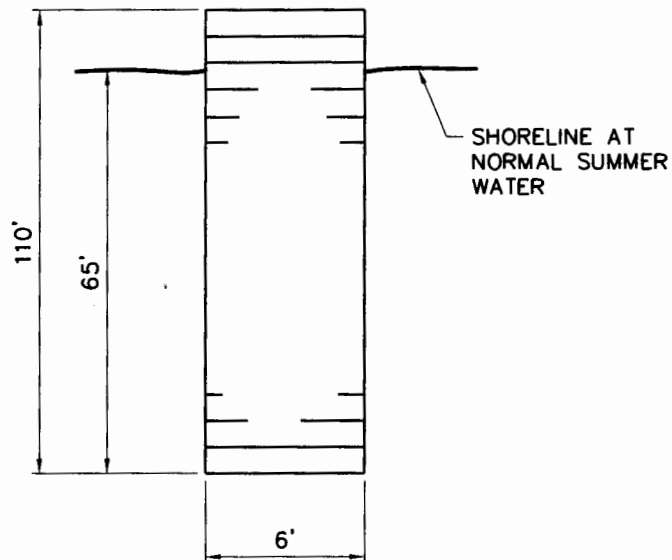
GRANDE VISTA BAY

BY
TENNESSEE LAND AND LAKES INC.
11130 KINGSTON PIKE, SUITE 1-110
KNOXVILLE, TN 37922

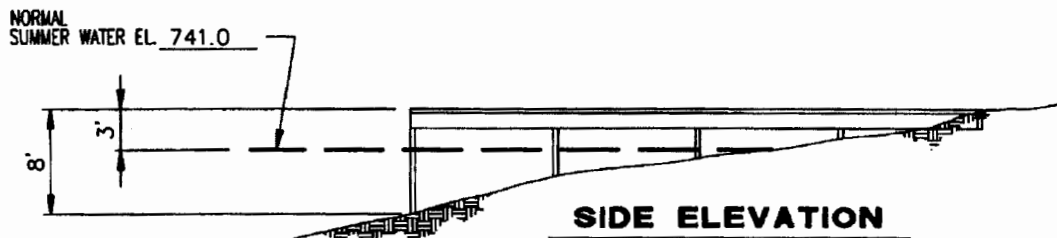
26-A
LOT NO. 126

PROJECT NO:
500303

Drawing Name:
D-26A Figures_11-07-05



STRAIGHT DOCK



THE NORMAL SUMMER WATER LEVEL IS: 741.0

NOTE:
INCLUDE ALL DIMENSIONS AND ELEVATIONS
WHERE INDICATED.

EXHIBIT L
FILE NO. 200501887
PN NO. 06-04



TYPICAL FIXED DOCK OR SLIP

PROJECT LOCATION INFORMATION:

STREAM NAME TN RIVER
RESERVOIR NAME WATTS BAR LAKE
MILE MARKER 558.6

SUBDIVISION NAME GRANDE VISTA BAY
LOT NUMBER 126
MAP NO. _____

NOTE



**Quantum Environmental &
Engineering Services, LLC**

126 Dante Road
Knoxville, TN 37918
PHONE (865) 689-1395, FAX (865) 689-6844

DESIGNED BY:	PJW
CHECKED BY:	PJW
CADOC:	NA
DRAWN BY:	LLS
SCALE:	NTS
DATE:	04-29-05
REV. NO: 1	09-26-05

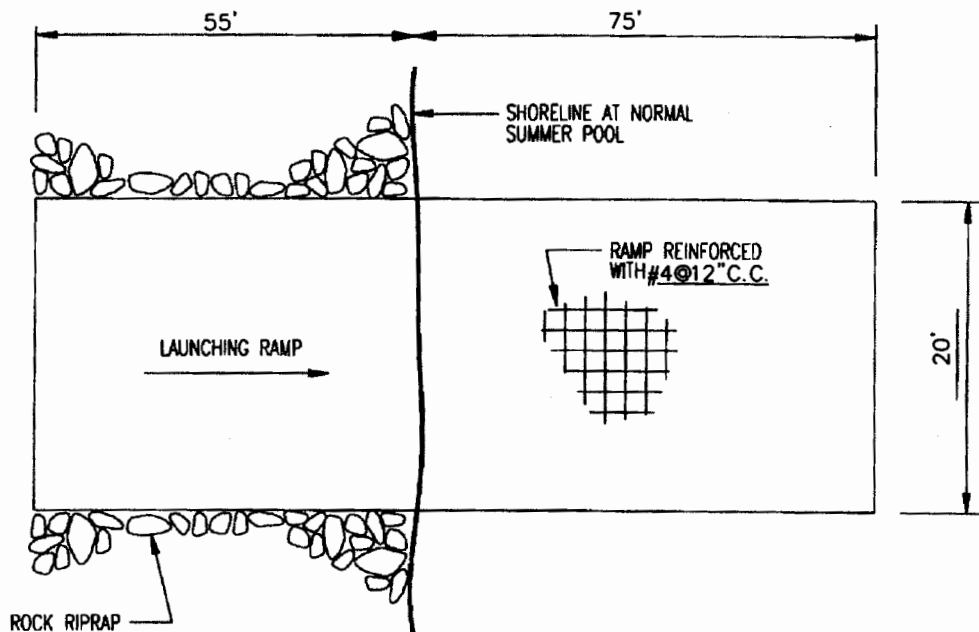
GRANDE VISTA BAY

BY
TENNESSEE LAND AND LAKES INC.
11130 KINGSTON PIKE, SUITE 1-110
KNOXVILLE, TN 37922

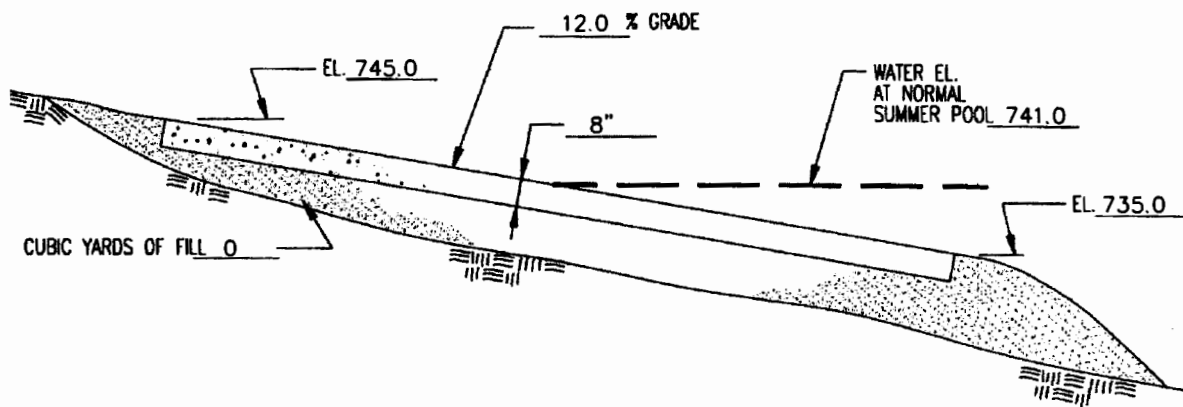
**26-A
LOT NO. 126**

PROJECT NO:
500303

Drawing Name:
D-26A Figures_11-07-05



PLAN



SECTION THRU CONCRETE RAMP

THE NORMAL SUMMER WATER LEVEL IS: 741.0

EXHIBIT M
FILE NO. 200501887
PN NO. 06-04

NOTE:
INCLUDE ALL DIMENSIONS AND ELEVATIONS
WHERE INDICATED.



TYPICAL CONCRETE RAMP DETAIL

PROJECT LOCATION INFORMATION:

STREAM NAME **TN RIVER**

RESERVOIR NAME **WATTS BAR LAKE**

MILE MARKER **558.6**

SUBDIVISION NAME **GRANDE VISTA BAY**

LOT NUMBER **126**

MAP NO.

NOTE

DESIGNED BY: PJW

CHECKED BY: PJW

CADQC: NA

DRAWN BY: LLS

SCALE: NTS

DATE: 04-29-05

REV. NO: 2 11-18-05

GRANDE VISTA BAY

BY
TENNESSEE LAND AND LAKES INC.
11130 KINGSTON PIKE, SUITE 1-110
KNOXVILLE, TN 37922

26-A
LOT NO. 126

PROJECT NO:
500303

Drawing Name:
D-26A Figures_11-07-05



**Quantum Environmental &
Engineering Services, LLC**

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Knoxville, TN 37918
PHONE (865) 689-1395, FAX (865) 689-6844